TABLE A

Preparation of 2,6 Dimetylnaphthalene having a high purity by crystallization with n-heptane

Example 1 of EP 0 792858

CRYSTALLIZATION CARRIED OUT AT: **20 °C**

	Initial charge		% N-heptane 100.0%		Sol. 2,6 DMN 5.8% Mothers			Solid		Wet/solid 31.53% Wetting		Panel		
	g	% DMN	g	%	g	% DMN	%	g	% DMN	g	% DMN	g	% DMN	%
n-heptane			100.00	100.00%	93.36	153.35%	60.53%			6.64	153.35%	6.64	16.97%	14.51%
2,6DMN	48.73	48.73%			13.02	21.38%	8.44%	34.79	100.00%	0.93	21.38%	35.71	91.30%	78.05%
1,5DMN	8.54	8.54%			7.97	13.10%	5.17%	0.00	0.00%	0.57	13.10%	0.57	1.45%	1.24%
1,6DMN	41.12	41.12%			38.39	63.06%	24.89%			2.73	63.06%	2.73	6.98%	5.97%
Other	1.61	1.61%			1.50	2.47%	0.97%			0.11	2.47%	0.11	0.27%	0.23%
Total DMN	100.00				60.88			34.79		4.33		39.12		
Overall Total			100.00		154.24					10.97		45.76		

n-heptane (g)	100

Crystallization yield	73.3%

Washing with n-heptane carried out at: **20 °C**

	Washing		Sol. 2,6 DMN 5.8% Washing liquid			Solid		Wet/Solid 9.11% Wetting		Panel		
	g	%	g	% DMN	%	g	% DMN	g	% DMN	g	% DMN	%
n-heptane	30.00	100.00%	34.19	521.34%	83.91%			2.45	521.34%	2.45	7.53%	7.01%
2,6DMN			3.38	51.56%	8.30%	32.09	100.0%	0.24	51.56%	32.33	99.31%	92.34%
1,5DMN			0.53	8.07%	1.30%	0	0.0%	0.04	8.07%	0.04	0.12%	0.11%
1,6DMN			2.55	38.85%	6.25%			0.18	38.85%	0.18	0.56%	0.52%
Other			0.10	1.52%	0.24%			0.01	1.52%	0.01	0.02%	0.02%
Total DMN			6.56			32.09		0.47		32.56		
Overall Total	30.00		40.74					2.92		35.01		

Overall n-heptane (g)	130.0

Crystallization yield	66.4%

Sol. 2,6 DMN means: solubility of solid 2,6-DMF in the solvent